

Converting Colors

YUV(163.7830, 32.6450,
-17.3497)

Have a look what the booklet for
YUV(163.7830, 32.6450, -17.3497)
contains.

YUV(163.7830, 32.6450, -17.3497)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(163.7830, 32.6450,
-17.3497)**

Conversions

Conversions Part 1

Format	Color
Hex	90A1E6
RGB	144, 161, 230
RGB Percent	56%, 63%, 90%
CMY	0.4353, 0.3686, 0.0980
CMYK	0.37, 0.30, 0.00, 0.10
HSL	228°, 63%, 73%
HSV	228°, 37%, 90%
XYZ	38.5294, 37.1322, 79.9994
YIQ	163.7830, -32.2810, 17.8550

Conversions

Conversions Part 2

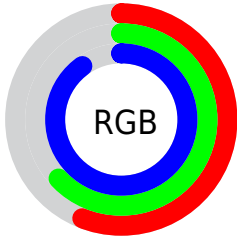
Format	Color
RYB	144, 158, 230
Decimal	9478630
CIELab	67.38, 10.67, -36.72
CIELCh	67, 38.236, 286.197
Yxy	37.1322, 0.2475, 0.2385
Android (android.graphics.Color)	4287668710 (0xFF90A1E6)
YUV	163.7830, 32.6450, -17.3497
Hunter-Lab	60.9362, 6.2256, -35.1829

Details

The YUV color $163.7830, 32.6450, -17.3497$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $210.2170, -32.6450, 17.3497$, and the grayscale version is $163.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $215.6620, 19.3936, -13.7356$, and $111.3160, 30.9032, -18.6941$ is the 20% darker color. If you saturate the color by 10%, you get $146.3400, 41.2444, -22.2232$, and if you desaturate by 10%, it is $181.2260, 24.0456, -12.4762$.

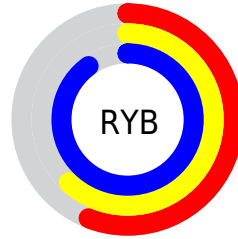
Distribution



Red (56%)

Green (63%)

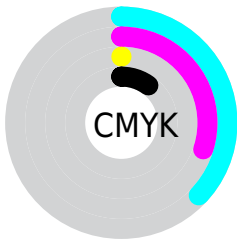
Blue (90%)



Red (56%)

Yellow (62%)

Blue (90%)

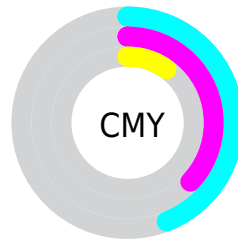


Cyan (37%)

Magenta (30%)

Yellow (0%)

Black (10%)



Cyan (44%)

Magenta (37%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.7830, 32.6450, -17.3497 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 163.7830, 32.6450, -17.3497 by changing the saturation by 10% instead.

■ 163.7830, 32.6450,
-17.3497

■ 163.7830, 32.6450,
-17.3497

255.0000, 0.0000,
0.0000

■ 137.2560, 31.9188,
-17.7645

■ 215.6620, 19.3936,
-13.7356

■ 111.3160, 30.9032,
-18.6941

■ 240.7690, 7.0159,
-10.3214

■ 86.0770, 30.0350,
-20.2385

■ 60.9410, 29.6091,
-23.6273

■ 35.0110, 30.0676,
-30.7046

■ 20.5350, 25.3722,
-18.0092

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 163.7830, 32.6450,
-17.3497

■ 163.7830, 32.6450,
-17.3497

■ 146.3400, 41.2444,
-22.2232

■ 181.2260, 24.0456,
-12.4762

■ 128.3100, 50.1332,
-26.5819

■ 199.2560, 15.1568,
-8.1175

■ 110.8670, 58.7326,
-31.4554

■ 216.6990, 6.5574,
-3.2440

■ 92.8370, 67.6214,
-35.8140

■ 234.7290, -2.3314,
1.1147

■ 75.3940, 76.2208,
-40.6875

■ 250.9760,
-10.3412, 3.5290

■ 57.3640, 85.1095,
-45.0462

■ 252.1500,
-10.9200, 2.4994

■ 52.6350, 87.4409,
-46.1609

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



152.0010, 38.4535, -60.5139



163.7830, 32.6450, -17.3497



168.1530, 21.6166, 20.0368

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



163.7830, 32.6450, -17.3497



165.0160, -24.1649, 50.8520



148.0070, -0.9895, -56.1341

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



163.7830, 32.6450, -17.3497



210.2170, -32.6450, 17.3497

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



154.9930, -19.7165, -22.7959



163.7830, 32.6450, -17.3497



162.4300, -32.2570, 32.9489

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



163.7830, 32.6450, -17.3497



166.2460, -9.4883, 56.7893



159.9060, -31.0127, 7.0984



133.5620, 23.8799, -99.5939

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



163.7830, 32.6450, -17.3497



168.4560, 12.1002, 39.0651



159.9060, -31.0127, 7.0984



150.9500, -7.8633, -44.6831

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



163.7830, 32.6450, -17.3497



233.1270, 10.7834, -5.3734



202.3480, 5.2514, -51.1712



114.6990, 6.5574, -3.2440



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



163.7830, 32.6450, -17.3497



166.6110, 43.5758, -23.3378



161.5780, 33.7320, 7.3861



106.1290, 4.3734, -2.7441



40.9510, 68.0582, -35.9140



11.6840, 19.3828, -10.2469

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



171.6520, -5.2514, 51.1712



177.0070, -6.9055, 68.3999



212.4220, -33.7320, -7.3861



106.9300, -0.4585, 7.0774



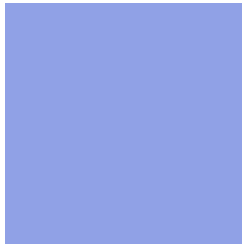
57.5110, -11.0979, 106.5459



16.3890, -3.1498, 30.3538

Previews

White Background



This preview shows how the YUV color 163.7830, 32.6450, -17.3497 looks on a white background.

Color Contrast Check

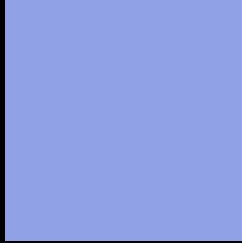
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 163.7830, 32.6450, -17.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

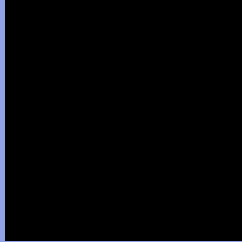
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.7830, 32.6450, -17.3497

Background



This preview shows how black text looks on a background with the YUV color 163.7830, 32.6450, -17.3497.



This preview shows how white text looks on a background with the YUV color 163.7830, 32.6450, -17.3497.

-17.3497.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

163.7830, 32.6450, -17.3497

Protanopia

163.1850, 32.9398, -18.5792

Deuteranopia

163.4730, 32.7978, -19.7088



Tritanopia

160.5330, 11.5692, -24.1464

Trichromacy



Original Color

163.7830, 32.6450, -17.3497

Protanomaly

163.4840, 32.7924, -17.9645

Deuteranomaly

163.7720, 32.6504, -19.0940

Tritanomaly

161.9060, 19.2733, -21.8426

Monochromacy



Original Color

163.7830, 32.6450, -17.3497

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.0560, 11.8044, -6.1881

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.7830, 32.6450, -17.3497 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(144, 161, 230)` looks like.

```
.text, #text, p{  
    color:rgb(144, 161, 230)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(144, 161, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 161, 230) }
```

Border

The CSS property to change the border of an element to YUV 163.7830, 32.6450, -17.3497 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(144, 161, 230) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(144, 161, 230) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(144, 161, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 161, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 161, 230);  
box-shadow:4px 4px 4px 4px rgb(144, 161,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 163.7830, 32.6450, -17.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 161, 230) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(144,  
161, 230) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor